

**Results of Search in All Years db for:
EXP/"warren; charles f": 1071 patents.**

PAT. NO.	Title
1 RE33,772	<input type="checkbox"/> Deletion mutant of a herpesvirus and vaccine containing said virus
2 5,062,997	<input type="checkbox"/> Process for the chlorination and sulfochlorination of organic compounds
3 5,030,760	<input type="checkbox"/> Tetrahydropthalimides, and their production and use
4 5,026,651	<input type="checkbox"/> Methods and compositions for the production of human transferrin
5 5,023,179	<input type="checkbox"/> Promoter enhancer element for gene expression in plant roots
6 5,023,174	<input type="checkbox"/> Recombinant <i>Brucella abortus</i> gene expressing immunogenic protein
7 5,015,762	<input type="checkbox"/> Aralkylphenylureas and herbicides containing these
8 5,011,630	<input type="checkbox"/> Emulsifiable triglyceride compositions
9 5,008,442	<input type="checkbox"/> Surface-active compounds on the basis of arylated fatty substances and their use
10 5,008,371	<input type="checkbox"/> Biologically active polypeptide and use thereof
11 5,008,193	<input type="checkbox"/> Ascorbic acid intermediates and process enzymes
12 5,004,864	<input type="checkbox"/> Dominant amylose-extender mutant of maize
13 5,004,863	<input type="checkbox"/> Genetic engineering of cotton plants and lines
14 5,004,568	<input type="checkbox"/> Carbonylation of allylic ethers to esters
15 5,002,703	<input type="checkbox"/> Benzoic acid and benzoic acid ester derivatives having antiinflammatory and analgesic activity
16 5,001,263	<input type="checkbox"/> Formation of ortho-alkylated aromatic amines from N-alkylated aromatic amines
17 5,001,060	<input type="checkbox"/> Plant anaerobic regulatory element
18 5,001,055	<input type="checkbox"/> Process for producing physiologically active substance
19 4,997,930	<input type="checkbox"/> Cloning of complementary DNA encoding maize nitrite reductase
20 4,997,761	<input type="checkbox"/> Phosphatidyl treatment of viral disease
21 4,996,156	<input type="checkbox"/> Preparation of spore-free, concentrated protein preparations from <i>bacillus thuringiensis</i> serovar, <i>israelensis</i> , which is toxic for gnats, a microorganism for their preparation, and the isolation of the microorganism
22 4,994,387	<input type="checkbox"/> Process and medium for cloning and long-term serial cultivation of human endothelial cells
23 4,994,384	<input type="checkbox"/> Multiplying bovine embryos
24 4,992,375	<input type="checkbox"/> Method of regenerating soybeans from cultured soybean cotyledony nodes
25 4,990,607	<input type="checkbox"/> Alteration of gene expression in plants
26 4,987,080	<input type="checkbox"/> Method for in vitro maturation of oocytes
27 4,983,768	<input type="checkbox"/> Process of preparation of phosphinamides applications and new products
28 4,983,519	<input type="checkbox"/> Recombinant DNA clones of essential nodulation genes of <i>bradyrhizobium japonicum</i>
29 4,981,789	<input type="checkbox"/> One-step enzymatic conversion of cephalosporin C and derivatives to 7-aminocephalosporanic acid and derivatives
30 4,981,620	<input type="checkbox"/> In-line dewaxing of edible vegetable oils
31 4,980,290	<input type="checkbox"/> Human uroepithelial cell
32 4,980,161	<input type="checkbox"/> Method of treating viral infection in plants
33 4,978,791	<input type="checkbox"/> Substituted P,P'-methylene-bis-aniline

34 4,978,745 Immunoreactive heterochain antibodies
35 4,978,617 Process for production of tocopherols
36 4,970,168 Virus-resistant plants
37 4,970,161 Human interferon-gamma
38 4,970,151 Plant culture cell and use thereof
39 4,968,619 Modified microorganisms and method of preparing and using same
40 4,968,612 Continuous fermentation process for aromatic hydrocarbon bioconversion
41 4,968,608 Process for antifungal fermentation product
42 4,968,455 Tris(triorganotin) esters of trimeric fatty acids
43 4,966,847 Recombinant DNA clones containing a broad host range gene from *Bradyrhizobium japonicum*
44 4,966,841 Enhanced vector production and expression of recombinant DNA products
45 4,966,840 Stable high copy number plasmids
46 4,966,733 Rendering processes
47 4,963,665 Human preproinsulin-like growth factor I
48 4,963,489 Three-dimensional cell and tissue culture system
49 4,962,028 Plant promotors
50 4,960,703 Composition for in vitro micropropagation of plants

51 4,959,319 Process of corneal enhancement
52 4,957,866 Method for reproducing coniferous plants by somatic embryogenesis
53 4,957,865 Cloning or expression vectors containing the avian erythroblastosis virus genome and cells transfected by these vectors
54 4,956,282 Mammalian peptide expression in plant cells
55 4,954,442 Opine enhancement of vir gene induction
56 4,952,506 Immobilization of nonanchorage-dependent cells
57 4,948,781 Novel odorant and/or flavoring substances
58 4,948,734 Novel isolates of *bacillus thuringiensis* having activity against nematodes
59 4,945,047 Microbiological process for the preparation of a protein by culturing a mutant bacterial strain
60 4,943,674 Fruit specific transcriptional factors
61 4,940,840 Novel chitinase-producing bacteria and plants
62 4,940,839 Method of tomato protoplast fusion and regeneration of hybrid plants therefrom
63 4,940,836 Somatic hybrids of Rutaceae plants
64 4,940,835 Glyphosate-resistant plants
65 4,938,898 Alpha chlorination process employing antioxidants
66 4,935,372 Art nucleotide segments, vectors, cell lines methods of preparation and use
67 4,935,362 BMY-28121, a new antitumor antibiotic
68 4,935,355 Preparation of dipeptides
69 4,933,282 Process for preparing an optically active .gamma.-halo-.beta.-hydroxybutyric acid ester
70 4,933,114 Polyacetylenic lipids, radiation-sensitive compositions, photographic elements and processes relating to same

71 4,931,399 Process for preparing optically-active glycerol ketal derivatives

72 4,931,394 Vi^tro propagation of grape via leaf disk culture

73 4,929,764 Alkylation of aromatic amines

74 4,927,762 Cell culture medium with antioxidant

75 4,927,754 Method for selectively increasing the ratio of single major components of teicoplanin A2 complex

76 4,925,790 Method of producing products by enzyme-catalyzed reactions in supercritical fluids

77 4,923,403 Microbiological process for degradation of steroids

78 4,921,802 Plant virus cDNA

79 4,921,504 4-(N-ethyl-N-2-hydroxyethyl)-amino-1-(2 hydroxyethyl)-amino-2-nitrobenzene and compositions for dyeing hair containing the same

80 4,918,106 N-(2-chloro-4-nitrophenyl)-3-trifluoromethyl-benzenesulfonamide derivative and agricultural fungicide containing same

81 4,918,011 Enzymatic preparation of 3',4'-anhydrovinblastine

82 4,917,829 3,7,11,15-Tetramethyl-2,4,6,10,14,-hexadecapentaenic acid

83 4,916,072 Process for the formation of human-human hybridoma

84 4,916,065 BU-3420T Antitumor antibiotic

85 4,916,063 BU-2867T peptide antibiotics

86 4,916,062 Enzyme, its method of production and its application to the preparation of methyl N-(L-aspartyl-1) L-phenylalaninate

87 4,914,198 Novel substance UCY1003 and process for preparing the same

88 4,914,032 Process for the long-term surviving culture of hepatocytes

89 4,914,027 Process for the microbiological preparation of human serum albumin

90 4,912,043 Method of preparing L-malic acid

91 4,908,315 Integument and method for micropropagation and tissue culturing

92 4,904,585 Novel antibiotic NK84-0218 and process for the production of the same

93 4,900,676 Method of producing herbicide resistant plant varieties and plants produced thereby

94 4,900,667 One carbon homologation of carbohydrates by transcyanohydration

95 4,898,887 Compounds and compositions having anti-inflammatory and analgesic activity

96 4,898,822 Process for preparing optically active indoline-2-carboxylic acid

97 4,898,821 Antibiotic compounds and their preparation

98 4,897,357 (S) .alpha.-cyano-3-phenoxy-benzyl acetate

99 4,895,983 Process for producing methylol urea solution and process for producing slow-releasing nitrogenous fertilizer using the same

100 4,895,803 Method for decontamination of mycoplasma-infected cell cultures

101 4,888,171 Granular product of dried microorganism cells and manufacturing method therefor

102 4,886,937 Method for transforming pine

103 4,886,756 Novel restriction endonuclease SpII and process for the production of the same

104 4,886,753 Method for the expression of genes in plants, parts of plants, and plant cell cultures, and DNA fragments, plasmids, and transformed microorganisms to be used when carrying out the method, as well as the use thereof for the expression of genes in plants

105 4,885,360 Reactive dyes containing a sulfonyl and an aliphatic acyl reactive radical

106 4,885,248 Transfer vector

107 4,885,027 Herbidal arylmethylenesulfonamido-acetamide and thioacetamide derivatives

108 4,883,755 Method of reendothelializing vascular linings

109 4,880,838 Pesticidal 1-(4-Phenoxyphenyl)-5-Benzoyl urea compounds and process for preparation

110 4,880,744 Method of culturing protoplasts

111 4,880,738 Production of amino acids using coupled enzyme systems

112 4,880,737 Process for the preparation of L-alpha-amino acid and d-alpha-amino acid amide

113 4,880,736 Production of uridine

114 4,880,735 Process for producing antibiotic A47934

115 4,879,413 Process for the preparation of a solid adduct of sulfuric acid and urea

116 4,877,730 Microbiological method for producing ethylene

117 4,876,196 Method of continuously producing ethanol from sugar-containing substrates

118 4,874,846 Process for the preparation of aryloxybenzoic acids containing a sulfonamide group

119 4,873,350 Diselenobis-benzoic acid amides of primary and secondary amines and processes for the treatment of diseases in humans caused by a cell injury

120 4,873,264 Novel pesticidal 1-(alkyl-phenoxy-aryl)-3-benzoyl ureas and process for preparation

121 4,871,667 Process for preparing muconic acid

122 4,870,107 N-(2-chloro-4-nitrophenyl)-(benzenesulfonamide derivative and agricultural fungicide containing same

123 4,870,012 Bacterial method and compositions for linalool degradation

124 4,869,017 Macroalgae culture methods

125 4,868,117 BBM-1675, a new antitumor antibiotic complex

126 4,866,177 Process for one-step synthesis of amides

127 4,864,059 Process for producing urea

128 4,863,967 N,N-diaminophthalimides

129 4,863,866 Bradyrhizobium japonicum mutants exhibiting superior soybean nodulation

130 4,863,863 Method of producing somatic hybrids of the genus Lycopersicon

131 4,863,859 Process for preparing optically active glycerol derivatives

132 4,863,728 Monoclonal anti-alpha-amylase antibody which non-specifically inhibits the enzyme activity of human alpha-amylase

133 4,861,914 Discoloration inhibitors for aromatic amines

134 4,859,602 Process for the preparation of stereoisomers of 1-aminoalkylphosphonic and phosphinic acids

135 4,859,598 Antibiotic LL-D42067. beta.

136 4,859,593 New physiologically active substance, arphamenine and production thereof

137 4,857,662 N-phenylbenzamide derivatives

138 4,857,556 Substituted benzylcycloalkenylurea derivatives

139 4,857,465 Whole plant regeneration via organogenesis and somaclonal variation in glycine species

140 4,857,236 Process for isolating phosphatidylcholine free of lysophosphatidylcholine from egg powder

141 4,855,499 Novel process to prevent formation of chlorinated by-products in APAP production

142 4,855,237 Double-stranded DNA having sequences complementary to a single-stranded DNA and derived from a bean golden mosaic virus

143 4,855,224 Molecularly cloned diagnostic product and method of use

144 4,855,086 Novel pesticides, preparation and use

145 4,851,577 New substituted derivatives of N-ethyl(meth)acrylamide and a method for the preparation thereof

146 4,851,445 N-(2-Chloro-4-nitrophenyl)-benzene-sulfonamide derivative and agricultural fungicide containing same

147 4,851,343 Microbiological production of essential fatty acids

148 4,849,563 Novel 1-alkyl-1-arenesulfonyl-2-alkoxycarbonylsulfenylhydrazines having antineoplastic activity

149 4,849,527 Process for resolution of optical isomers

150 4,849,354 Process for producing menaquinone-4

151 4,847,411 1,6-hexanediamides from 3-pentenamides

152 4,847,200 Biosynthesis of unnatural cephalosporins

153 4,845,037 Process for producing antibiotic LL-D42067.alpha.

154 4,845,034 Biochemically reacting substrates in subterranean cavities

155 4,843,100 Benzoylureas, their production and use

156 4,843,008 Novel microorganisms and a novel process for producing antibiotics

157 4,843,006 RecA promoter dependent polypeptide production

158 4,843,005 Process for regenerating corn

159 4,840,969 N-substituted benzamides

160 4,840,906 Plant generation method

161 4,840,903 Process for producing ethanol from plant biomass using the fungus paecilomyces sp.

162 4,840,902 Continuous process for ethanol production by bacterial fermentation using pH control

163 4,839,285 Method for production of cytidine and/or deoxycytidine

164 4,837,152 Process for regenerating soybeans

165 4,831,125 DNA probe for corynebacterium kutscheri

166 4,830,967 Process for producing antibiotic A80438

167 4,830,966 Process for regenerating corn

168 4,828,999 Bacteriophage prevention and control of harmful plant bacteria

169 4,828,992 Process for the manufacture of an antifungal antihypercholesterolemic .beta.

170 4,827,079 Generation of somaclonal non-mendelian variants

171 4,827,035 Preparation of amines

172 4,827,030 3-hydroxydicarboxylic acids and process for their production

173 4,826,769 Biochemically reacting substrates in subterranean cavities

174 4,822,737 Process for producing ethanol by fermentation

175 4,818,699 Generation of somaclonal non-mendelian variants

176 4,818,693 Methods and materials for enhanced somatic embryo regeneration in the presence of auxin

177 4,818,681 Fast and specific immobilization of nucleic acids to solid supports

178 4,816,399 Continuous process for ethanol production by bacterial fermentation
179 4,814,499 Process for preparation of substituted phenylureas
180 4,812,410 Continuous process for ethanol production by bacterial fermentation
181 4,812,403 Optically active substituted butyramide, and process for the optical separation of substituted butyramide
182 4,810,649 Controlled regeneration of zea diploperennis hybrids and breeding strategies therewith
183 4,808,706 Fibre-reactive, fluoro-triazine containing dyestuffs
184 4,808,527 Continuous process for ethanol production by bacterial fermentation
185 4,808,526 Continuous process for ethanol production by bacterial fermentation
186 4,808,520 Labelling of oligonucleotides
187 4,808,519 Method of detecting nucleic acid sequences
188 4,806,631 Immobilization of nucleic acids on solvolyzed nylon supports
189 4,806,546 Immobilization of nucleic acids on derivatized nylon supports
190 4,806,483 Process for regenerating corn
191 4,806,478 Dry enzyme formulations containing D-amino acid oxidase
192 4,804,781 Novel thioether amide diols and polyurethane polymers therefrom
193 4,803,165 Nif promoter of fast-growing *rhizobium japonicum*
194 4,801,545 Enhanced somatic embryogenesis using maltose
195 4,801,540 PG gene and its use in plants
196 4,798,799 Process for producing diol and furan and microorganism capable of same
197 4,797,360 Conversion of sucrose to fructose and ethanol
198 4,795,855 Transformation and foreign gene expression with woody species
199 4,795,709 Solvent-induced autolysis of cells
200 4,795,706 Novel expression control sequences

201 4,795,705 Methods of producing herbicide resistant plant varieties and plants produced thereby
202 4,795,700 Nucleic acid probes and methods of using same
203 4,795,699 T7 DNA polymerase
204 4,794,081 Process for the preparation of riboflavin
205 4,793,949 New vinyl monomers capable of forming side-chain liquid crystalline polymers and the resulting polymers
206 4,792,519 Method for the monitoring and control of microbial populations
207 4,792,418 Method of extraction and purification of polyunsaturated fatty acids from natural sources
208 4,788,379 Production of acetylene
209 4,785,086 Test for *Campylobacter*
210 4,784,957 Process for the promotion of regeneration of plants from tissue cultures
211 4,783,408 Method for the preparation of a fungal body and a lipid rich in Y-linolenic acid therefrom
212 4,782,025 Novel microorganism
213 4,782,022 Nitrogen fixation regulator genes
214 4,782,020 Process for the continuous enzymatic conversion of alpha-hydrocarboxylic acids into the corresponding optically active alpha-aminocarboxylic acids
215 4,778,926 Gem-dihalo and tetrahalo-1,12-diamino-4,9-diaza-dodecanes

216 4,777,135 Method for producing butanol by fermentation
217 4,776,985 Alkoxylated rosin amides
218 4,776,984 Process for the enrichment with .DELTA.6 fatty acids of a mixture of fatty acids
219 4,776,983 Polymerization of fatty acids
220 4,775,619 Polynucleotide determination with selectable cleavage sites
221 4,774,381 Herbicide resistant tobacco
222 4,774,176 Sensitive tests for malignancies based on DNA detection
223 4,772,750 Method of producing amines
224 4,771,002 Transcription in plants and bacteria
225 4,769,324 Ethanol production
226 4,767,709 Growth-related hormones
227 4,767,700 Detection of particular nucleotide sequences
228 4,766,064 Displacement polynucleotide assay employing polyether and diagnostic kit
229 4,766,062 Displacement polynucleotide assay method and polynucleotide complex reagent therefor
230 4,765,875 Preparation of sulfonated lubricating agents for leather and furs
231 4,764,306 Process for the manufacture of bis-quaternary ammonium compounds
232 4,762,788 Process for producing cellulolytic enzymes
233 4,761,367 Vectors suitable for detection of eukaryotic DNA regulatory sequences
234 4,760,023 [21-leucine] human urogastrone, corresponding gene, corresponding recombinant plasmid, transformed cell and process for production thereof
235 4,757,017 In vitro cell culture system
236 4,757,011 Herbicide resistant tobacco
237 4,755,467 Method for the production of sorbitol and gluconate
238 4,753,885 Foam control in the sugar industry and in the yeast industry
239 4,752,580 Process for preparing *Xanthomonas* heteropolysaccharides
240 4,751,026 Substituted anilides of oleic, linoleic, or linolenic acid as inhibitors of acyl-coa:cholesterol acyltransferase
241 4,748,117 Method for forming amphotericin B crystals in fermentation broth
242 4,747,969 Process for the production of fatty acid mixtures containing a high proportion of C.sub.6 - C.sub.10 -fatty acids
243 4,745,190 Selective synthesis of substituted amines
244 4,745,060 Methods and compositions for the detection of Familial Hypercholesterolemia
245 4,745,058 Method for producing cellulosic fibers and microcrystalline cellulose
246 4,744,926 Mass transfer extraction of liquids from solids
247 4,743,548 Plant cell microinjection technique
248 4,743,544 Method for measuring substances by enzyme immunoassay
249 4,743,402 Novel sunflower products and methods for their production
250 4,742,084 Aralykyl (arylethynyl)aralkyl amines and their use as vasodilators and antihypertensives

251 4,741,738 Sulfonation of fats and oils

252 4,732,856 Transposable elements and process for using same

253 4,732,853 Method of making chiral epoxy alcohols

254 4,727,192 2,4-dinitro- or 2-amino-4-nitro- or 2-nitro-4-amino-6-hydroxyalkylanilines, the process for preparation thereof and their use in dyeing keratinous fibers, and especially human hair

255 4,727,188 Preparation of o,o'-dithiodibenzamides

256 4,723,040 Process for making N-mono-substituted p-phenylenediamines

257 4,721,811 Synthesis of aliphatic polyamines

258 4,721,810 Catalytic alkylation of aromatic amines with ethers

259 4,721,770 Epoxy resin compositions containing N-cyanocarboxylic acid amides as hardeners

260 4,720,588 Polyalkylene polyamines via vapor phase reaction using inert gas

261 4,720,583 Process for the isomerization of o-, m- and/or p-toluidine

262 4,720,582 Diamines and a process for their production

263 4,719,313 Gem-dihalo and tetrahalo-1,12-diamino-4,9-diaza-dodecanes

264 4,716,247 Process for the production of thiosemicarbazide

265 4,714,778 Alkenylated toluenediamines for use in preparing polyurethane/urea systems

266 4,713,488 Method for producing cycloalkyl aminophenol derivatives

267 4,713,200 Pesticidal compounds

268 4,710,518 Novel N-benzyl-cyclopropanecarboxamide fungicides

269 4,710,465 Junction-fragment DNA probes and probe clusters

270 4,709,096 Stilbene derivatives, distyryl derivatives and electrophotographic photoconductor comprising at least one of the derivatives

271 4,708,953 Salicylamide derivatives

272 4,708,936 Process for the continuous production of L-carnitine

273 4,707,546 Reactive monoazo dyestuffs

274 4,707,498 Fluorinated diaminoalkyne derivatives

275 4,707,449 Pichia pastoris yeast strains of enhanced tryptophan content

276 4,705,752 Process for the enzymatic hydrolysis of D- alpha.-amino-acid amides

277 4,704,474 1,4-diamino-5-chloro-2-nitrobenzene derivatives, processes for their production and compositions containing the same for the coloration of hair

278 4,703,114 Polyethers having tertiary alcoholic terminals

279 4,702,864 Analogs of platelet activating factor

280 4,701,558 Method for purifying aqueous acrylamide solution

281 4,701,555 Methods for removing biuret from urea by adsorption

282 4,698,443 Biuret purification

283 4,697,011 N-fluoro-N-perfluoromethyl sulfonamides

284 4,695,654 Gem-dihalo-1,8-diamino-4-aza-octanes

285 4,695,652 Process for the preparation of .beta.-aminoethyl ketones

286 4,695,409 Control of disalt in .alpha.-sulfofatty acid ester surfactants

287 4,694,105 Herbicidal alkoxyamino- and polyalkoxyaminodiphenyl ethers

288 4,693,966 Human monoclonal antibodies from lymphocytes of patients with malignant melanoma

289 4,692,554 Process for producing 1,3-bis(3-aminophenoxy)benzene

290 4,692,553 Cyclohexenone derivatives and their use for controlling undesirable plant growth
291 4,692,466 N-(2-chloro-4-trifluoromethylphenyl)-3-trifluoromethylbenzenesulfonamide derivative and agricultural fungicide containing same
292 4,691,010 Hybrid cell line for producing monoclonal antibody to a human early thymocyte antigen, antibody, and methods
293 4,690,950 1-[N-(.alpha.-amino-.alpha.-methylacetyl)aminophenyl]-2-aminopropanone derivatives
294 4,690,784 Process for preparing phosphatidylcholine derivatives
295 4,689,298 Mallory body specific monoclonal antibody and process for producing same
296 4,689,182 Benzoic acid and benzoic acid ester derivatives having anti-inflammatory and analgesic activity
297 RE32,484 Oxidation catalysts
298 4,686,309 3-phenyl-2-propeneamine derivatives, their preparation and compositions containing them
299 4,685,962 Phenylacetanilide derivatives
300 4,684,748 Anticonvulsant agents

301 4,684,609 Method and substance for the enhanced labelling of cellular material
302 4,684,482 Orally effective ion chelators
303 4,683,334 Modified 8-ring zeolites as catalysts for conversion of methanol and ammonia to dimethylamine
304 4,683,332 Para-nitrodiphenylamine synthesis
305 4,683,088 Nickel/alumina/silicate catalyst, its preparation and use
306 4,681,850 Phenylalanine ammonia lyase-producing microbial cells
307 4,680,261 Process for producing interferon
308 4,677,229 Process for the production of a water-insoluble nitrogenous organic base, starting from an aqueous solution of an alkali metal bicarbonate and the hydrochloride of the said base and process for the manufacture of sodium bicarbonate
309 4,677,227 Process for preparing hydrazines
310 4,676,981 Monoclonal antibodies against GnRH
311 4,675,445 Process for elimination N-nitrosamines from N-nitrosamine-containing compositions
312 4,675,295 Process for producing subculturable lymphokine-producing human T cell hybridomas
313 4,675,133 Process for apparatus for the recovery of fats and oils
314 4,675,132 Polyunsaturated fatty acids from fish oils
315 4,672,044 Murine monoclonal antibody combining site to human C3b receptor (CR1)
316 4,671,902 Process for obtaining fatty acid product from glyceride oil soapstock
317 4,671,901 Orally effective ion chelators
318 4,671,900 Preparation of light-colored, wash active .alpha.-sulfofatty acid
319 4,670,599 2,2-dichloro-3, 3-dimethylcyclopropylmethylamine
320 4,670,598 Process for preparing (hydrocarbylthio)aromatic amines
321 4,670,597 Process for preparing (hydrocarbylthio) aromatic amines
322 4,670,596 Diphenylamine compounds
323 4,670,382 Monoclonal antibody to Candida albicans cytoplasmic antigens and methods of preparing same
324 4,668,627 Novel antibiotic compound

325 4,668,438 Aqueous concentrates of salts of .alpha.-sulfonated fatty acid alkyl esters
326 4,666,838 Process for the production of L-aspartyl-L-phenylalanine esters
327 4,666,834 Leukocyte adherence inhibition assay
328 4,666,635 Nickel-based catalyst, its preparation and its application
329 4,665,235 Benzoylurea compounds, and pesticidal and pharmaceutical compositions comprising same
330 4,665,018 Methods and test kit for diagnosing/monitoring cancer in humans
331 4,664,709 Azoacylacetamide dispersing agents and azo-pigment compositions
332 4,663,483 Polyenamines from aromatic diacetylenic diketones and diamines
333 4,663,481 Preparation of bromoacetamides
334 4,663,289 Electrolyte solutions and in vitro use thereof
335 4,661,648 Process for carrying out substitution chlorination reactions of organic compounds by means of molecular chlorine in the presence of a chlorinated product serving as a radical initiator, and radical initiators used in such a process
336 4,661,635 Aralyky (arylethynyl)aralkyl amines and their use as vasodilators and antihypertensives
337 4,661,632 Halogenopropargylformamide pesticides
338 4,661,453 Production of tissue plasminogen activator factor
339 4,661,446 Monoclonal antibodies and method of immunizing therewith
340 4,659,806 Disazo copper complex reactive dyestuffs
341 4,659,660 A47934 antibiotic and process for production thereof
342 4,658,066 1,10-substituted 1,11-diamino-undeca-3,7-dienes and processes for their preparation
343 4,658,065 Process for producing polyether polyol and a product
344 4,658,059 Methods for removing biuret from urea by ion exchange
345 4,658,058 11-O-methylspergualin
346 4,657,868 Apparatus for testing reactions
347 4,657,862 Preparation of naturally-occurring C2-C5 alkyl esters of C4-C5 carboxylic acids by means of fermentation of C5-C6 amino acids in the presence of C2-C5 alcohols
348 4,657,850 Serodiagnosis of heartworm infection
349 4,657,581 Herbicidal amide compounds and their uses
350 4,656,280 Radioiodinated dopamine receptor ligand

351 4,656,193 Benzoylurea compounds, and insecticidal and acaricidal compositions comprising same
352 4,655,974 Manufacture of phenyl esters
353 4,655,973 Conjugated polyprenylcarboxylic acids and their derivatives
354 4,654,443 Hydrolysis of isocyanate distillation bottoms
355 4,654,442 Methods for removing biuret from urea
356 4,654,441 Biuret production by controlled pyrolysis of urea
357 4,654,440 Catalysts for selective preparation of amines or nitriles from alkanols
358 4,654,306 Novel bacterium, Acetobacter altoacetigenes MH-24, useful for the fermentation production of vinegar
359 4,654,300 Fluorescent microbead quenching assay
360 4,654,042 Sulfonated lubricating agents for leather and furs process therefore

361 4,652,599 Method of continuous production of retroviruses (HTLV-III) from patients with AIDS and pre-AIDS using permissive cells

362 4,652,533 Method of solid phase immunoassay incorporating a luminescent label

363 4,652,527 Process for culturing methylophilus methylotrophus

364 4,650,907 Nonaromatic fluoroallylamine MAO inhibitors

365 4,650,906 Process for recovering ethyleneamines from aqueous solution of ethyleneamine carbonates

366 4,650,905 Diphenyl ethers and their use for controlling undesirable plant growth

367 4,650,901 Ion exchange methods for removing biuret from urea

368 4,650,900 Aminoalkyl substituted urea derivatives and method of treatment

369 4,650,764 Helper cell

370 4,650,759 Method of producing L-carnitine

371 4,649,115 Monoclonal antibodies to skin cells

372 4,649,112 Utilization of xylan and corn fiber for direct fermentation by clostridium acetobutylicum

373 4,647,773 Method of continuous production of retroviruses (HTLV-III) from patients with AIDS and pre-AIDS

374 4,645,860 Biuret manufacture

375 4,645,859 Methods for purifying biuret

376 4,643,971 Monoclonal antibodies to human bladder and ureter cancers and method

377 4,642,378 Arylalkyl amines useful for lowering intraocular pressure

378 4,642,293 Novel hybridoma cell line producing monoclonal antibodies against laminin and a process for the production thereof

379 4,642,291 Cell surface antigens of human astrocytoma

380 4,642,289 Process for cell disruption

381 4,640,898 Homogeneous fluorescence ligand binding assay based upon preferential alteration of the respective intensities of bound and free label by solvent components

382 4,639,337 Process for separating surfactants from liquid used in the manufacture of concentrated fluoropolymer dispersions

383 4,638,091 Chemical process

384 4,638,090 Processes for the preparation of nitrosamine-free N,N-disubstituted nitroaromatic amines and for the stabilization of these compounds against the formation of nitrosamines

385 4,638,088 Pesticidal biphenyloxy and biphenylalkoxy aryl acyl urea compounds

386 4,637,984 Monoclonal anti-ornithine decarboxylase antibody and method of producing same

387 4,637,868 Method of oxidizing hydrazo compounds to corresponding azo compounds by hydrogen peroxide

388 4,636,568 Aminoether compounds

389 4,636,478 Monoclonal antibodies recognizing L-thyroxine

390 4,634,667 Process for preparing a heteropolysaccharide, heteropolysaccharide obtained thereby, its use, and strain NCIB 11883

391 4,634,666 Human-murine hybridoma fusion partner

392 4,634,664 Process for the production of human mono-clonal antibodies

393 4,634,558 Preparation of alpha.-substituted acrylamides

394 4,632,983 Pyridone dyes containing a oxydiazone substituent

395 4,632,939 Anticonvulsant agents

396 4,632,938 Thiophenylureas, their production and use

397 4,629,810 Phenyl sulfonamides

398 4,629,588 Method for refining glyceride oils using amorphous silica

399 4,628,119 Process for preparing hydrazine hydrohalogenide

400 4,628,032 Monoclonal antibody specific for a mammary tumor cytoplasmic antigen

401 4,628,027 Vitro diagnostic methods using monoclonal antibodies against connective tissue proteins

402 4,626,505 Selectable markers for yeast transformation

403 4,625,063 Production of tertiary amine

404 4,625,062 Process for producing 4-alkoxyanilines

405 4,625,061 Process for preparing cyanamide

406 4,625,052 Process for the production of polyisocyanates which have a biuret structure

407 4,624,930 Immunochemical process

408 4,624,921 Human lymphoblastoid cell line and hybridomas derived therefrom

409 4,623,719 Disazo dyestuffs having a monofluorotriazinyl group

410 4,623,622 T-cell growth factor and method of making same

411 4,623,619 Method for the determination of liability in human individuals to develop atherosclerosis

412 4,623,489 Method of refining edible oil for preventing auto-oxidation of the oil

413 4,623,383 Novel N- and optionally N-substituted (N-dichloro-acetyl)glycine amides with an antidote action

414 4,622,426 Preparation of N,N'-bis(2-hydroxyethyl)oxamide

415 4,621,160 Process for the chlorination of aromatic derivatives

416 4,621,158 Method for making amines

417 4,619,895 Lipoprotein marker for hypertriglyceridemia

418 4,619,789 Pretreatment process for rendering

419 4,618,718 Preparation of trifluoroethylamine

420 4,618,717 Catalytic process for the production of primary amines from oxyethylene glycol monoalkyl ethers

421 4,618,712 N-cyanocarboxylic acid amides, processes for their preparation and their use

422 4,618,711 Anti-arrhythmic agents

423 4,618,589 Immunoprecipitation assay of immunoglobulins using monoclonal antibodies

424 4,617,418 Polyalkylene polyamines via vapor phase reaction

425 4,615,839 Method of preparing fatty acid composition containing high concentration of eicosapentaenoic acid

426 4,614,720 Hybrid cell line for producing monoclonal antibody to a human T cell antigen, antibody, and methods

427 4,613,704 Process for the preparation of 5-hydroxyethylsulfonyl-2-aminophenol (ethers)

428 4,613,698 Process for the preparation of 6-chloro-2,4-dinitroaniline

429 4,613,697 Process for the displacement to the gaseous phase of the excess of NH_{sub}3

430 4,613,696 Process for urea production

431 4,613,695 N-nitroso compounds and compositions containing such compounds

432 4,613,686 Process for the preparation of polyisocyanates with biuret structure

433 4,613,572 Yeast BAR1 gene plasmid

434 4,613,571 Polyprenyl sulfone derivatives and process for producing the same

435 4,612,397 Use of supported phosphate catalysts for preparation of linear polyethylenepolyamines

436 4,612,396 Process for the preparation of pure 2-ethylamino-4-nitro-1-alkoxybenzenes

437 4,612,394 Process for producing aminophenyl- β -hydroxyethylsulfone

438 4,612,393 Bis(substituted thioalkyl)hydroxylamines and stabilized polyolefin compositions

439 4,612,285 Novel antitumor antibiotic awamycin and its production

440 4,609,761 Continuous preparation of linear polyethylenepolyamines using novel catalysts derived from titania and a trialkyl phosphate or phosphite

441 4,609,760 Process for the preparation of 2,6-xylidine

442 4,609,759 Process for preparing amino-2, 4-dinitroaromatic herbicides

443 4,609,758 Phenoxyethylamine derivatives

444 4,609,753 Diphenyl ethers having herbicidal activity

445 4,609,497 Process for separating surfactants used in the manufacture of concentrated fluoropolymer dispersions

446 4,608,448 Process for producing 2,5-dichloro-p-xylene

447 4,606,812 Hydrotreating of carbonaceous materials

448 4,605,802 Production of 1,1,1,3-tetrachloropropene

449 4,605,801 Molecular sieves as catalysts for preparation of 1,1,2-trichloroethane

450 4,605,800 Process for the manufacture of chloroprene

451 4,605,799 Process for separating a halogenated toluene isomer

452 4,605,798 Continuous process for the gaseous-phase preparation of trichlorotrifluoroethane, dichlorotetrafluoroethane and monochloropentafluoroethane in controlled proportions

453 4,605,797 Hydrogenation catalysts and selective hydrogenation therewith

454 4,605,773 Low-foaming, pH sensitive, alkylamine polyether surface active agents and methods for using

455 4,605,772 Process for preparing N-alkane-N-alkanolamines

456 4,605,771 Process and installation for the production of an organic solution of a water-insoluble organic base

457 4,605,770 Noncyclic polyalkylene polyamines by the reaction of an alkanolamine compound and an alkyleneamine compound in the presence of a Group IIA or Group IIB metal acid phosphate catalyst

458 4,605,769 Preparation of alkanolamine

459 4,605,768 1-cycloalkylamino-3-t-butylamino-2-propanols, a method of preparing the same, and a method of use thereof

460 4,603,195 Organosilicon compound and use thereof in photolithography

461 4,603,145 Antiatherosclerotic diphenyl alkanamides

462 4,602,112 Zeolite H-ZK-5 as catalyst for conversion of methanol and ammonia to dimethylamine

463 4,602,109 Novel pesticidal phenoxyphenyl and phenoxypyridyl benzoyl ureas and process for preparation

464 4,602,108 Alkyl amine color inhibitor

465 4,600,797 Process for the preparation of nitroaminobenzenes

466 4,600,796 Reaction products of alkanol amines with bicyclic amide acetals and their application in polyurethane polymers

467 4,599,449 Catalytic alkylation of aromatic amines with alkanols

468 4,599,201 Process for preparing ceric carboxylates

469 4,597,907 Preparation of .alpha.-substituted acrylamides

470 4,597,902 N-(arylthioalkyl)-N'-(aminoalkyl)ureas

471 4,596,890 Benzoylureas, and their production and use

472 4,595,782 Process for the preparation of alkali metal salts of acyl cyanamides

473 4,595,780 Sulfonamido-benzamide derivatives

474 4,595,779 Stable lithium diisopropylamide and method of preparation

475 4,595,700 Thiol based collagenase inhibitors

476 4,594,453 Process for preparing (hydrocarbylthio)aromatic amines

477 4,594,451 Benzoyl-ureas exerting an insecticide activity

478 4,594,193 Thiol based lipids and membranes made therefrom

479 4,593,132 Process for producing a graphite fluoride

480 4,593,123 Process for the production of acrylamide and methacrylamide

481 4,590,318 Method for producing vinyl chloride

482 4,590,317 Process for minimizing corrosion and coking in an ethylene dichloride plant

483 4,590,316 Method of safely preparing graphite fluoride

484 4,588,842 Catalytic preparation of linear polyethylenepolyamines

485 4,588,841 Process for the preparation of aminophenols

486 4,588,533 Method of preparing acyloxybenzenesulfonic acids and salts thereof

487 4,588,410 Novel 2-hydroxy-4-aminobenzenes, method for their manufacturing and hair coloring agents containing these compounds

488 4,587,367 Process for the production of dichloroisobutenes

489 4,587,366 Process for preparing fluoroalkyl-substituted iodoalkanes

490 4,587,361 Anthelmintic benzamides

491 4,587,358 Production of high-strength, storage-stable particulate urea

492 4,585,896 Process for the production of an aminophenol

493 4,584,420 Method for producing vinyl chloride

494 4,584,406 Preparation of linear polyethylenepolyamines with modified catalysts

495 4,584,405 Activated carbon catalysts and preparation of linear polyethylene polyamines therewith

496 4,584,140 Process for separating fatty materials from supported nickel catalysts

497 4,582,937 Process for recovering ethyleneamines

498 4,582,935 Process for producing meta-aminobenzotrifluoride

499 4,582,934 Alpha,alpha-dimethylphenylacetanilide derivatives, process for production thereof, and use thereof as insecticide

500 4,582,933 Process for the production of N-(tert-aminoalkyl)acrylamides

501 4,579,969 Substituted 1,3-dibenzylureas and herbicidal compositions containing them

502 4,579,938 Water soluble thiophen-2-ylazopyrazole compounds as colorants for polyamides and wool

503 4,578,519 Catalytic synthesis of linear polyethylenepolyamines (polyethylenepolyamine preparation and catalyst)

504 4,578,518 Catalytic (calcined catalyst and) preparation of linear polyethylenepolyamines (therewith)

505 4,578,517 Polyalkylene polyamines from alkanolamine and ammonia or amines using group IIIB metal acid phosphate catalysts

506 4,578,514 Synthesis of sulfilimines

507 4,578,513 Process for preparing phenylisopropylurea compounds

508 4,576,757 Process for the preparation of monoacyl polyalkylene polyamines

509 4,575,378 Substituted 4-amino-3-nitrophenols, processes for their preparation and hair-coloring agents containing these compounds

510 4,571,437 Process for preparing p-aminophenol and alkyl substituted p-aminophenol

511 4,567,295 Composition active against mites, whitefly and thrips, pharmaceutical composition, and new benzoylurea compounds

512 4,566,876 Meta-phenylenediamine coupler compounds and oxidative hair dye compositions and methods using same

513 4,565,888 Substituted salicylic acid amide anthelmintics

514 4,564,638 Fungicidal novel N-benzyl-N-(2-norbornyl)-ureas

515 4,564,476 Aryl fatty acid leukotriene synthesis inhibitors

516 4,562,291 Oligomerization of alkyl groups on amines

517 4,562,289 Homogeneous storage stable cyanamide solutions in polyols and a process for their production

518 4,562,210 Bactericides

519 4,561,965 Heat and water recovery from aqueous waste streams

520 4,560,814 Process for alkylating halogenated and trifluoromethylated benzene compounds

521 4,560,796 Process for the modification of the crystal form of dicyandiamide

522 4,559,408 Process for stabilizing methyleneimine compound and stabilized methyleneimine composition

523 4,558,166 Process for the preparation of benzal chlorides

524 4,557,756 Meta-anilide and meta-anilide urea herbicidal compounds and methods of use

525 4,556,735 Spergualin-related compounds having a phenylene group as well as a process for producing the same

526 4,555,582 Catalytic preparation of linear polyethylenepolyamines [with supported catalyst]

527 4,554,392 Method of preparing 1,2-dichloroethane from ethylene and chlorine gas

528 4,552,983 Process for the production of 4-(trialkylammonium)-acetoacetylides

529 4,552,980 Dye precursors and their use in photographic materials and processes

530 4,552,979 Process for treatment of urea plant process condensate

531 4,552,699 Process for the preparation of 3-acylaminoanilines

532 4,551,552 Process for preparing rimantadine

533 4,551,279 Protease inhibitors

534 4,550,209 Process for the preparation of linear polyethylenepolyamines by reacting monoethanolamine with ethylenediamine in the presence of an intercalatively active catalyst

535 4,550,208 Preparation of 4,4'-diaminobenzophenones

536 4,550,204 Method and apparatus for the manufacture of N,N'-bis-(aryl)hydrazines

537 4,550,202 Benzoylurea compounds, and pesticidal and pharmaceutical compositions comprising same

538 4,549,017 Process for the production of N-substituted (meth)acrylamides from (meth)acrylates and amines over a metal oxide or alkoxide catalyst

539 4,547,599 Process for scavenging free chlorine in an ethylene dichloride stream

540 4,547,591 Preparation of linear polyethylenepolyamines with silica-alumina catalysts

541 4,546,174 Process for the preparation of aliphatic azo compounds using an amine coupling

542 4,544,504 Reactive pheromone mimics for insect mating disruption

543 4,543,426 Herbicidal compounds

544 4,543,425 1,3-Diamino-4-(2',2',2'-trifluoroethoxy)-benzene, method of producing the same, and hair coloring composition containing the same

545 4,543,411 Process for selective preparation of secondary and tertiary amines

546 4,542,208 Disazo compounds for dyeing cellulosic fibers

547 4,540,838 Process for producing chloroprene

548 4,540,837 Process for the work-up of residues of chlorination

549 4,540,822 Regenerative process for the preparation of linear polyethylenepolyamines using a supported catalyst

550 4,540,821 Aminopolyols from sugars

551 4,540,820 Production of animal feed grade biuret

552 4,540,814 1,4-Dimethoxy naphthalenecarboxamide anticonvulsants

553 4,540,813 Process for the preparation of urea

554 4,539,430 Preparation of ethylenediamine dinitrate

555 4,539,429 Substituted aminophenylalkyl ketones, their preparation and use

556 4,537,992 Method for removal of nitrosoamine impurities from herbicides

557 4,536,602 Amination of olefins using organic acid catalysts

558 4,535,194 Process for producing 1,1,2,3-tetrachloropropene

559 4,533,777 Process for the preparation of aromatic trifluoromethyl compounds

560 4,533,762 Preparation of chlorotrifluoroethylene telomers with bisfluoroxydifluoromethane

561 4,533,745 Amino ketones and their preparation

562 4,532,353 Substituted benzotrifluoride compounds as chemical intermediates and a process for their preparation

563 4,532,352 Separation of aniline and p-fluoroaniline

564 4,532,348 1-(Substituted phenylthiocarbamyl) 3,3-disubstituted formamidines and their use as pharmaceutical agents

565 4,531,968 Thiopyruvic amide compounds

566 4,529,820 Cyanourea compounds

567 4,529,496 Method and apparatus for separating slurries and emulsions

568 4,526,997 Anticoccidial combinations comprising polyether antibiotics and carbanilides
569 4,521,627 Method of preparing alkali metal salts of organic diamines
570 4,521,626 Preparations of alkanolamines
571 4,521,619 Therapeutically useful sulphur-containing benzylidene derivatives
572 4,518,804 Halo(alkoxy/alkylthio)-benzenamines
573 4,514,574 Process for separating isomeric mixtures
574 4,513,159 Acetylene removal process
575 4,513,154 Process for consecutive competitive gas phase reaction
576 4,511,506 Reactive bis-triazinyl stilbene dyes
577 4,510,341 Process for producing chloroprene
578 4,508,922 Process for the preparation of optionally halogenated anilines
579 4,502,866 Symmetrical unsubstituted and substituted 2-halo-4-(4'-(trisulfonaphthylazo)phenylamino)-1,3,5-triazin-6-ylamino compounds
580 4,488,992 Monoazo dyestuffs derived from benzothiazole
581 4,482,770 Removal of acetylene from products of 1,2-dichloroethane pyrolysis
582 4,481,099 Solvent extraction method
583 4,481,013 Two component flow improver additive for middle distillate fuel oils
584 4,479,902 Selective reduction of edible fats and oils; platinum and palladium on titania
585 4,479,022 Isomerization of bromohalogenobenzenes
586 4,476,337 Method for introducing fluorine into an aromatic ring
587 4,474,580 Combustion fuel additives comprising metal enolates
588 4,469,906 Process for stabilizing epoxide-containing perchloroethylene
589 4,469,486 Stable blend of coal and diesel oil
590 4,468,232 Process for preparing a clean coal-water slurry
591 4,467,127 Process for the oxychlorination of an alkane using a solid solution catalyst containing iron cations
592 4,465,879 Process to insecticide intermediate
593 4,465,494 Microemulsion of water in a liquid fuel
594 4,464,182 Glycol ester flow improver additive for distillate fuels
595 4,463,200 Process for the production of perchloroethylene by catalytic oxychlorination
596 4,462,810 Zirconium-cerium additives for residual fuel oil
597 4,462,808 Dispersant for high solids coal-water slurries
598 4,461,920 Isomerization of dichlorobutenes
599 4,461,919 Process for the oxychlorination of an alkane using a solid solution catalyst containing iron cations
600 4,460,380 Water shedding agents in distillate fuel oils

601 4,460,376 Method of recovering high-grade fuel from solid mineral-fuel raw material

602 4,459,132 Fuel composition containing a wear inhibitor

603 4,457,763 Diesel fuel cetane improver

604 4,457,762 Stabilized water slurries of carbonaceous materials

605 4,456,778 Separating the chlorination products from the reaction gases obtained by the chlorination of methane and methyl chloride

606 4,456,554 Ammonium compounds

607 4,456,541 Antioxidant diamine

608 4,456,454 Mannich reaction product for motor fuels

609 4,455,216 Polarity gradient extraction method

610 4,455,151 Vapor injection fuel composition

611 4,455,150 Chemically enhanced combustion of water-slurry fuels

612 4,455,149 Process for the production of fuel compositions

613 4,453,947 Low viscosity stable mixtures of coal and fuel oil containing alcohol

614 4,453,028 Perfluorinated compounds with cyclohexyl groups

615 4,452,610 Modified liquid hydrocarbons

616 4,451,682 Process for the preparation of true acetylene hydrocarbons having a perfluorinated chain

617 4,451,267 Microemulsions from vegetable oil and aqueous alcohol with trialkylamine surfactant as alternative fuel for diesel engines

618 4,451,266 Additive for improving performance of liquid hydrocarbon fuels

619 4,451,265 Diesel fuel-aqueous alcohol microemulsions

620 4,450,309 Process for the preparation of unsaturated geminal dihalogen compounds

621 4,450,285 Preparation of esters

622 4,448,713 Branched ketones, organoleptic uses thereof and process for preparing same

623 4,448,587 Synergistic cetane improver

624 4,448,586 Corrosion inhibitor compositions for alcohol-based fuels

625 4,447,663 Process for continuous fluorination of carbon

626 4,447,246 Diesel fuel

627 4,445,909 Motor fuel

628 4,445,908 Extracting alcohols from aqueous solutions

629 4,445,907 Alcohol composition stabilized against corrosion by the use of an amino tetrazole

630 4,444,983 Process for the nuclear chlorination of toluene

631 4,444,567 Motor fuel composition containing an ashless antiknock agent

632 4,444,566 Stabilized middle distillate fuel composition

633 4,444,565 Method and fuel composition for control of octane requirement increase

634 4,443,369 Sulphur dyestuffs

635 4,441,890 Method for improving stability of residual fuel oils

636 4,441,888 Coal-water slurry viscosity reduction using olefin/maleic acid salt copolymers

637 4,441,887 Stabilized slurry and process for preparing same

638 4,440,545 Gasohol having corrosion inhibiting properties

639 4,440,544 Process for the conversion of ground hydrous lignite into a pumpable dehydrated suspension of fine-ground lignite and oil

640 4,440,543 Method for stabilizing a slurry of finely divided particulate solids in a liquid

641 4,438,038 Process for the production of oil-soluble metal salts

642 4,437,863 Peat fuel slurry

643 4,437,436 Antiknock additive compositions and unleaded gasoline containing same

644 4,436,941 Process for the isomerization of alkylbenzotrifluorides

645 4,436,936 Alkylation and aralkylation of aromatic amines

646 4,436,528 Aqueous slurries of carbonaceous materials

647 4,436,527 Stabilizer for mixed fuels

648 4,435,187 Fuel and lubricant compositions for octane requirement reduction

649 4,435,186 Alcohol fuels containing wear-inhibiting amounts of reaction products of amines and phosphate esters of phosphonic acids

650 4,435,185 Furnace fuel

651 4,433,977 Situ process for making multifunctional fuel additives

652 4,432,308 Fuel for combustion engines

653 4,431,430 Composition containing a water soluble alcohol and a corrosion inhibiting additive

654 4,430,514 Novel method for the preparation of CF₃NF₂

655 4,430,093 Diesel fuel additive

656 4,430,092 Scavenging additive for leaded automotive fuel and method of using same

657 4,428,754 N, N-Bis (hydroxyalkyl) alkyl amides as phase separation inhibitors in liquid hydrocarbon and ethanol mixtures

658 4,426,539 Synthesis of the isomeric aminotetranitrotoluenes

659 4,426,208 Corrosion inhibitors for alcohol-based fuels

660 4,425,136 Minimally refined biomass fuel

661 4,425,135 Motor fuel containing refined carbonaceous material

662 4,424,120 Process for removal of alkyl lead impurities from liquid hydrocarbons

663 4,423,261 Process for producing a graphite fluoride comprising mainly polydcarbon monofluoride represented by the formula (C₂F)_n

664 4,421,659 Zwitterionic quaternary ammonium sulfates and lubricants containing same

665 4,420,648 Process for hydrogenating organic compounds with a supported cobalt-silica coprecipitated hydrogenation catalyst

666 4,419,207 Electrolytic halogen generators

667 4,418,232 Dehydrohalogenation process

668 4,417,904 N,N'-Dialkyl-N,N'-diphenyl alkylene diamine derivatives as antiknock agents

669 4,417,903 Diesel fuel composition

670 4,417,902 Process for making and composition of low viscosity coal-water slurries

671 4,417,084 Prevention of polymer formation in dehydrogenation of p-ethyltoluene

672 4,417,081 Selective 2-chlorination of meta-dihalobenzenes

673 4,416,815 Fiber-reactive unsymmetrical 1:2 chromium complex azo dyes

674 4,416,669 Fuel and lubricant compositions for octane requirement reduction

675 4,416,667 Methanol, ethanol, or gasohol fuel containing as a wear-inhibiting additive a reaction product of an ether-amine with a phosphate or a substituted phosphonic acid

676 4,415,338 Aqueous carbonaceous slurries
677 4,414,413 1,2-Di[N,N-Bis(2-fluoro-2,2-dinitroethyl)carbamyl]hydrozine
678 4,412,927 Process for the preparation of superalkalinized metallic detergent-dispersants for lubricating oils and products obtained therefrom
679 4,412,847 Motor fuel additive
680 4,412,846 Fuels containing N-substituted amino morpholines
681 4,412,845 Ethanol or gasohol fuel composition containing as inhibitor a reaction product of itaconic acid and mono-oleyl-1,3-diaminopropane
682 4,412,839 Coal treatment process
683 4,411,806 Antifoam additives
684 4,410,749 Liquid hydrocarbon air breather fuel
685 4,410,747 Process for producing 1,2-dichloroethane
686 4,410,415 Reduction in pour point of shale oil
687 4,410,335 Multifunctional gasoline additives
688 4,410,334 Hydrocarbon fuel composition
689 4,409,407 Process for the preparation of 1,3,5-trichlorobenzene
690 4,409,001 Gasoline compositions containing amino alkanoic acids as detergents
691 4,409,000 Combinations of hydroxy amines and carboxylic dispersants as fuel additives
692 4,406,757 Anodization method
693 4,406,665 Diesel fuel composition
694 4,405,824 Process for producing aryl- or aralkylbenzene having two benzene rings at least one of which is substituted by at least one 3,3,3-trifluoropropyl group
695 4,405,338 Extended aviation jet fuel stabilized with phenoaldehyde amine derivatives
696 4,405,337 Fuel for diesel engine
697 4,405,335 Diesel fuel composition
698 4,405,334 Diesel fuel composition
699 4,405,333 Diesel fuel composition
700 4,405,332 Alternative fuel comprised of sewage sludge and a particulate solid fuel

701 4,404,412 Trichloroethylene composition stabilized against oxidation
702 4,404,002 Zirconium additives for residual fuel oil
703 4,404,001 Detergent and corrosion inhibitor and motor fuel composition containing same
704 4,404,000 Middle and/or heavy distillate composition having good flow property and filterability
705 4,403,998 Process for preparing coal suspensions
706 4,401,551 Solvent extraction method
707 4,400,563 Process for preparing perfluoro(lower)alkylbenzenes and their derivatives
708 4,398,922 Extractive blending process
709 4,398,921 Gasohol compositions
710 4,398,919 Polyethoxylated compounds as coal-water slurry surfactants
711 4,398,918 Use of ethoxylated dialkyl quaternary ammonium derivatives as suspending agents for coal-oil mixtures
712 4,398,505 Diesel fuel composition

713 4,397,788 Process for producing rhodium compounds

714 4,397,653 Method of producing a colloidal fuel from coal and a heavy petroleum fraction

715 4,396,786 Method for producing fuel oil from cellulosic materials

716 4,396,785 3,3,3-Trifluoropropyl derivatives of naphthalene or methylnaphthalene and process for preparing the same

717 4,396,544 Asymmetric 1:2 chromium complexes of monoazo compounds

718 4,396,500 Hydrotreating process

719 4,396,398 Antimisting additives for aviation fuels

720 4,396,397 Method of stabilization of coal fuel oil mixture

721 4,395,266 Stabilized water-in-mineral oil emulsion

722 4,394,527 Method for the liquid phase oxidative fluorination of aromatic compounds

723 4,394,253 Hydrocarbons hydroprocessing with imogolite catalyst

724 4,394,246 Electrophoresis apparatus with flow control

725 4,394,135 Liquid hydrocarbon fuel composition

726 4,394,134 Reducing fuel consumption with a fluorinated compound

727 4,394,133 Alkyl acetates as phase separation inhibitors in liquid hydrocarbon fuel and ethanol mixtures

728 4,393,263 Tertiary-butylstyrene production

729 4,393,257 Process for preparing benzotrifluoride and its derivatives

730 4,393,007 Process for the manufacture of anthraquinone compounds

731 4,392,944 Alkali recycle process for recovery of heavy oils and bitumens

732 4,392,868 Gasoline fuel extender formulation

733 4,391,826 Phenethanolamines, compositions containing the same, and method for effecting weight control

734 4,391,721 Dispersant viscosity index improver comprising reaction product of a styrene-maleic anhydride copolymer, an aliphatic alcohol and a tertiary amino alcohol

735 4,391,610 Liquid hydrocarbon fuel containing a corrosion inhibitor, dialkoxylated alkyl polyoxyalkyl primary amine

736 4,391,609 Hydrodesulfurization of chlorinized coal

737 4,390,740 Process for preparing fluorobenzene

738 4,390,412 Process and compositions for reducing fouling of heat exchange surfaces

739 4,390,345 Fuel compositions and additive mixtures for reducing hydrocarbon emissions

740 4,390,344 Gasohol maintained as a single mixture by the addition of an acetal, a ketal or an orthoester

741 4,389,344 Process for separating solid 1,5- and/or 1,8-dinitroanthraquinone and liquid nitrobenzene

742 4,389,300 Solvent extraction method

743 4,389,221 Gasoline composition and method for reducing fuel consumption

744 4,389,220 Method of conditioning diesel engines

745 4,389,219 Stabilized coal-oil mixture

746 4,388,198 Anti-rust additives and compositions thereof

747 4,388,081 Motor fuel

748 4,387,257 Motor fuel

749 4,387,050 Polyazo dyestuffs, a process for their preparation and their use for dyeing vegetable fibre materials and leather

750 4,386,939 Reaction products of certain heterocycles with aminophenols

751 4,386,228 Process for start-up of oxychlorination reaction

752 4,385,904 Novel corrosion inhibitor for alcohol fuels

753 4,385,192 Process for manufacturing DBCP

754 4,384,872 Stabilized gasoline-alcohol fuel compositions

755 4,383,865 Soft textured high strength alkali blue pigment

756 4,383,128 Production of monofluorotrichloroethane

757 4,382,802 Fire starters

758 4,382,132 High pressure polyethylene process

759 4,382,034 Process for the preparation of dianthraquinonylamines

760 4,380,682 Balanced chlorination process

761 4,380,455 Dialkyl carbonates as phase separation inhibitors in liquid hydrocarbon fuel and ethanol mixtures

762 4,378,973 Diesel fuel containing cyclohexane, and oxygenated compounds

763 4,378,231 Motor fuel

764 4,378,230 Method for improving fuel efficiency

765 4,377,719 1,7-Octadiene synthesis

766 4,377,717 Method for the production of perfluoro-2-methylpentene-2

767 4,377,716 Method for the production of hexafluoro-2,3-bis(trifluoromethyl)-2-butene

768 4,377,715 Production of perfluoropropane

769 4,377,518 Azo dyestuffs derived from polycyclo-heterocyclic coupler components

770 4,377,450 Palladium electroplating procedure

771 4,376,636 Fuel additive

772 4,376,635 Novel gasohol or ethanol fuel composition containing as a corrosion inhibitor the reaction product of benzothiazole, formaldehyde and an N-alkyl propylene diamine

773 4,376,077 Sulpho group-containing anthraquinone dyestuffs

774 4,376,055 Process for making highly sulfurized oxymolybdenum organo compounds

775 4,375,569 Process for the oxychlorination of an alkane using a solid solution catalyst containing iron cations

776 4,375,358 Fuel slurries of solid carbonaceous material in water

777 4,375,006 Stabilization of dibromostyrene

778 4,374,979 Regiospecific synthesis of anthracyclinone compounds such as daunomycinone

779 4,374,767 Substituted ether or thioether isothiazole azo dyes

780 4,374,648 Motor fuel composition

781 4,374,647 Oxygenated fuel dehydration

782 4,374,289 Production of monofluorotrichloroethane

783 4,374,202 Ceramic fiber foam and method for making same

784 4,374,108 Process of preparing alkali monofluorophosphate

785 4,373,963 Lustrous pigment and process for producing same

786 4,372,752 Fuel for piston internal combustion injection engines

787 4,371,471 Hydrocarbon stock solutions of Cr.sup.+6 compounds storage-stabilized by a soluble partial ester of a phosphoric acid

788 4,371,377 Fuel additive

789 4,369,140 Process for producing hydroanthraquinones

790 4,369,042 Fuel briquets

791 4,368,339 Process for the isomerization of a halogenated toluene

792 4,368,111 Oil recovery from tar sands

793 4,367,353 Catalytic hydrogenation and purification

794 4,367,350 Process for preparing perfluoro(lower)alkyl-benzenes and their derivatives

795 4,367,349 Liquid phase synthesis of hexafluoroisobutylene

796 4,367,074 Novel filter aid compositions for improving the limiting filterability temperature and inhibition of n-paraffin crystal formation during low temperature of middle distillates

797 4,366,077 Temper rolling fluids

798 4,365,973 Middle distillate fuel additive

799 4,365,972 Fuel composition

800 4,365,102 Method of manufacturing perfluoromethane and perfluoroethane

801 4,365,101 Process for preparing benzotrifluoride and its derivatives

802 4,364,871 Process for making aminopolycarboxylic acid chelates of iron

803 4,364,846 Process for preparing a haze-free detergent and corrosion inhibiting additive for motor fuels

804 4,363,637 Stabilized oil slurries of carbonaceous materials

805 4,362,649 Catalyst composition for body temperature of liquid polythiopolymercaptan polymers for making elastomeric dental impressions

806 4,362,534 Safety fuel admixture apparatus

807 4,362,533 Terpolymers of ethylene, vinyl acetate, and styrene as pour point depressants for distillate fuels

808 4,362,532 Production of blast furnace coke via novel briquetting system

809 4,361,476 Process and apparatus for recovery of oil from tar sands

810 4,361,422 Hydrogenation and etherification of an unsaturated C.sub.5 hydrocarbon cut to increase its octane number and decrease its mono-olefin content

811 4,359,559 Novel polymetallocarbosilane, and process for its production

812 4,358,292 Stabilized hybrid fuel slurries

813 4,357,146 Synthetic fuel for internal combustion engine

814 4,357,145 Carbonaceous pellets and method of making

815 4,356,336 Purging of inerts in chlorinated hydrocarbon production

816 4,356,001 Method of extending hydrocarbon fuels including gasolines and fuels heavier than gasoline

817 4,355,193 Method for the preparation of cis-nonen-6-yl chloride

818 4,355,012 Mixed anthraquinonedisulfonic acids

819 4,354,970 Indoline coupled isothiazole azo dyes

820 4,354,969 Dye mixtures

821 4,354,041 Method for deactivating catalyst in preparation of dimethylformamide from dimethylamine and carbon monoxide

822 4,353,710 Novel method of extending a hydrocarbon fuel heavier than gasoline by adding a methoxy or ethoxy group

823 4,348,319 Process for the preparation of cyano-azo dyestuffs

824 4,348,318 Azo-dyes, their preparation and use

825 4,346,014 Rolling oil compositions and method of inhibiting carbon smut on batch annealed steel

826 4,344,880 Disazo dyestuffs having an acylamino group and an aromatic-oxy group on different terminal moieties

827 4,341,699 Reactive red dye having both monochlorotriazinyl- and vinylsulfone-type reactive groups

828 4,340,537 Monoazo dyes of the thiazole series having a heterocyclic substituent in the 4-position

829 4,340,536 Chrome-complex dyes and the production and use thereof

830 4,333,874 Cationic triazinylamino azo dyestuffs

831 4,330,467 Disubstituted isothiazole azo dyes containing tetrahydroquinoline type couplers

832 4,327,019 Acid azo dyes from a 3-amino-benzisothiazole-[2,1]-5-sulfonic acid diazo component

833 4,326,076 Method for preparing the optically active isomer of 2,2-[[5-[3-[(1,1-dimethylethyl)amino]-2-hydroxypropoxy]-1,2,3,4-tetrahyd ro-2,3-naphthalene-diyl]bis(oxy)]bis[N,N-dipropylacetamide]

834 4,324,912 Carboamidoalkyl norbornanes, organoleptic uses thereof and process for preparing same

835 4,324,723 Monoazo dyestuffs

836 4,324,721 1-(4-Alkylaminonaphthylazo)-4-nitrobenzene disperse dyes

837 4,313,874 Disperse monoazo dyestuffs

838 4,312,997 19-Hydroxy-6-oxo-PGF_{sub.1} amides

839 4,312,808 Red monoazo dyestuffs

840 4,297,510 Unsymmetrical diphosphatetraazacyclooctatetraenes

841 4,292,445 Amide and sulfonamide derivatives of 2-decarboxy-2-aminomethyl-PG-type compounds

842 4,292,247 Process for producing anthraquinone intermediates

843 4,289,693 Azo dyes having a quaternized heterocyclic diazo component radical and an optionally substituted aryloxyalkyl substituent on the amino group of the coupling component radical

844 4,268,439 Basic azo dyestuffs having benzylammoniumamine substituent in the coupling component

845 4,264,495 2-Thienyl azo dyestuff compounds

846 4,256,635 Optionally further substituted 5-(2'- or 4'-phenoxyphenylazo)-6-hydroxypyridone-2 compounds containing a cationic group in the 1-position

847 4,254,027 Disperse monoazo dyestuffs for coloring synthetic textile materials

848 4,251,440 Monoazo compounds having a thiazolium or substituted thiazolium diazo component radical and a 1,4-phenylene coupling component radical having a C._{sub.1-4} alkyl group in each ortho position

849 4,233,214 Cationic azo dyestuffs with a hydroxyalkylated ammonium group

850 4,225,493 Disazo dyestuffs derived from three carbocyclic components including a terminal component substituted with sulfo and alkoxy

851 4,225,490 Heterocycl-azo-phenyl dyes having a cationic group linked through a branched alkylene chain to the nitrogen atom of the coupling component radical

852 4,195,020 Dichloro-phenyl-azo-acetoacetylarnino-benzimidazolone pigments

853 4,191,703 Process for the manufacture of sulfuric acid semi-ester compounds

854 4,191,686 Process for preparing fiber-reactive phthalocyanine azo dyes

855 4,189,427 Azo dyestuffs from benzene diazo component fused to an aliphatic ring and containing two cyano substituents ortho to the azo group

856 4,188,320 Ester of higher fatty acid and reagent for determination of activity of lipase

857 4,185,013 Anionic azo dyes having a 3-dibenzofuranyl diazo component radical optionally having a 2- or 8-sulfo group

858 4,185,012 Water-soluble, fibre-reactive copper complex disazo dyestuffs

859 4,181,653 Disperse dyes from 2-halo-4,6-dinitroaniline and 2(2'-alkoxy-5'-alkanoylaminoanilino) alkanes

860 4,180,503 Acid disazo dyestuffs containing a substituted thiophene middle component

861 4,168,264 1,3,3-Trimethyl-2-methylene indoline cationic n-methyl azo dyes

862 4,167,509 Water soluble cationic azo dyestuffs

863 4,165,314 Mixtures of 1:2 cobalt complexes of monoazo compounds having an acetoacetanilide coupling component radical

864 4,163,013 Diphenylamine-azo-hydrocarbysulfonylphenyl dyestuffs

865 4,163,012 Process for the preparation of concentrated dyestuff solutions

866 4,162,249 Anthranilic acid arylester-azo-aminonaphthol sulfonic acid dyes

867 4,160,764 Water-insoluble monoazo-dyestuffs for synthetic fibrous materials

868 4,159,983 Pure and substantially pure asymmetric 1:2 cobalt complexes of monoazo compounds

869 4,158,003 Metallized bis-formazans

870 4,155,903 Asymmetrical 1:2 cobalt complexes of certain substituted phenylazonaphthalenes

871 4,153,598 Monoazo and diazo colorants from aminoalkylanilines and bis(aminoalkyl)anilines

872 4,149,853 Method and apparatus for improving fossil fuel combustion and related equipment

873 4,148,790 Metallized triazine reactive dyes

874 4,146,535 Azo dyes having a 3-cyano- or 3-carbamoyl-2,6-diamino-pyridine coupling component

875 4,144,231 Soluble trisazo dyestuffs containing a 2-phenyl-benzimidazolyl, -benzoxazolyl or -benzthiazolyl middle component

876 4,144,230 Soluble trisazo dyestuffs containing a 2-phenyl-benzimidazolyl, -benzoxazolyl or -benzthiazolyl middle component

877 4,143,036 Process for preparing metallized azo pigments

878 4,143,035 Disazo dyestuffs having an alkoxy group on the first and/or second component

879 4,143,033 Water-soluble disazo dyestuffs containing a 2-phenyl-benzimidazolyl, -benzoxazolyl or -benzthiazolyl middle component

880 4,141,891 Quinolone-azo-acetoacetamino quinolone pigments

881 4,141,890 Azo compounds having a 3-sulphomethyl-pyrazolone-(5) coupler component

882 4,141,889 Symmetrical hexakisazo compounds having a 2,2'-disulfostilbenyl central radical

883 4,139,528 Water-insoluble monoazo dyestuffs which is a diazotized 6-cyano-2:4-dinitroaniline coupled to a m-acylarnino-substituted aniline

884 4,139,527 Fiber reactive monoazo dyestuffs containing a --SO₂--CH₂--CH₂--O--PO₃H₂ group

885 4,137,228 Water-soluble, copper containing trisazo compounds having a 2-(4'phenylene)-benzimidazoyl-(5 or 6)-benzoxazolyl-(5), or -benzthiazolyl-(5) component

886 4,137,227 1-Alkyl-1,4-dihydro-4-oxo-7-triazenyl-3-quinolinecarboxylic acids

887 4,137,226 3,3-(1,1'-Biphenyl-2,2'-diyl)-1-(4-methylphenyl)-1-triazene

888 4,134,888 Cholesteryl carbonates and carbamates of azo dyes

889 4,127,567 Bis-(1-substituted phenylazo-2-hydroxynaphthalene-3-carboxamido)naphthalenes

890 4,126,610 Process for the preparation of cyano azo dyestuffs

891 4,126,608 Process for the production of salts of stilbene-azo and stilbene-azoxy dyes

892 4,123,467 Oxychlorination of ethylene

893 4,123,429 1:1 Chromiferous complex azo compounds having a bidentate chelating group and a monofunctional neutral ligand

894 4,123,428 Metallized polyazo dyes derived from a coupling component obtained by acidic condensation of formaldehyde with at least one phenolic compound

895 4,122,079 Reactive azo dyestuffs from diazotized sulfo-amino naphthalenes and diaminosulfonybenzenes

896 4,120,854 Disazo and trisazo dyes having a 1,3-diamino-, dihydroxy- or amino-hydroxy-benzene nucleus and metal complexes thereof

897 4,119,624 Disperse monoazo dyestuffs

898 4,119,623 Water-soluble diphenylamine-azo-sulfatoalkoxyphenyl dyestuffs

899 4,118,385 Disazo compounds

900 4,118,383 Azo dyes containing an N-2-pyridine-2,4-dihydroxybenzamide coupler component

901 4,118,381 1:2 Cobalt complex phenol-acetoacetanilide benzene disazo dyestuffs

902 4,116,953 Azo dyes

903 4,113,719 1:2-Cobalt-complex azo dyestuffs having an acetoacetylarnino diphenylarnino coupler

904 4,113,718 Basic azo dyes

905 4,113,717 Quaternized azo dyestuffs

906 4,108,850 Positive-working immobile photographic azo compounds

907 4,104,268 Cationic diazacyanine dyestuffs

908 4,101,544 Water soluble monoazo dyes for polyamide material

909 4,101,541 3-Cyano-1,2,4-thiadiazoyl-5-czo dyestuffs

910 4,100,157 beta.-Crystalline form of the pigment obtained by coupling diazotized 1-aminobenzene-2-carboxylic acid methyl ester with 2,3-oxynaphthoic acid

911 4,093,613 Trisazo pigments containing two barbituric acid coupling components

912 4,092,308 4-Sulphomethyl substituted hydroxypyridone azo dyestuffs

913 4,092,305 Alkyl triazeno uracil compounds and method of preparation thereof

914 4,089,850 Disazo dyes having a benzthiazoyl substituted phenol or naphthol coupling component

915 4,089,849 Monoazo dyes having a benzthiazoyl substituted phenol or naphthol coupling component

916 4,088,642 Compounds having both peroxy and aliphatic azo groups

917 4,087,420 Azo dyestuffs containing an alpha.-phenylamino isobutyric acid alkyl ester coupling component

918 4,085,097 Process for the manufacture of chromium complexes from metallizable azo or azo methine dyes

919 4,083,846 Process for the preparation of azo dyestuffs

920 4,083,845 Polyazo dyestuffs having a dianisidine component, a diaminophenyl sulfonic acid component, and a naphthol component

921 4,083,841 2,4-Diamino-6-methyl-5-(halophenylazo) pyrimidines

922 4,083,839 Unsymmetrical mono sulfo containing 1:2 azo, azo chromium complex dyes

923 4,082,742 Process for preparing an aqueous disazo dye concentrate

924 4,081,439 Aromatic disazo pigments

925 4,081,438 Anionic azo dyes having a 3-dibenzofuranyl diazo component radical optionally having A2-or 8-sulfo group

926 4,081,436 Process for dry quaternization of azo compounds

927 4,081,435 Disperse azo dyestuffs derived from a 3-amino-7-azabenz-2,1-isothiazole diazo component

928 4,080,322 1-Hydroxy-2-arylazo-8-hydrocarbyloxycarbonylaminonaphthalenedisulfonic acids

929 4,080,321 Monoazo pigments from diazotized acylamino-anilines and acetoacetylamino benzimidazolones

930 4,079,052 Diazopigments containing pyridine derivatives

931 4,079,051 4-Halogeno-s-triazin-2-yl-phosphoramido acid containing reactive dyestuffs

932 4,079,050 Disperse monoazo dyestuffs containing a thiophene residue

933 4,075,200 4(2'-Nitro-4'-sulfoanilino) phenyl azo hydroxyphenyl dyes

934 4,073,781 Method of production of azo dyes from a quinone containing compound and a diazonium compound

935 4,072,672 Cationic dyes containing an aryloxy group linked through a bridging radical to a quaternized nitrogen atom

936 4,071,312 Green-yellow to orange monoazo paper dyes

937 4,070,353 Dicarboxylic acid ester diazo pigments

938 4,069,218 Water-soluble fiber-reactive disazo dyestuffs

939 4,067,865 Water-soluble diazotized amino azo dyestuff coupled with an amino-phenyl or -naphthyl component

940 4,065,449 Tetrachloro substituted disazo pigments

941 4,065,448 Tertiary alkyl substituted disazo pigments

942 4,062,838 Disazo pigments containing acylamino groups

943 4,062,837 Disazo compounds useful as complement inhibitors

944 4,058,574 Process for the oxychlorination of hydrocarbons with ammonium chloride

945 4,058,518 Water-insoluble monoazo 3-cyano-4-methyl-6-hydroxy-2-pyridine dyestuffs

946 4,058,516 Sulfo group-containing azo compounds having a tetrazo component radical derived from an optionally substituted 3,8-diaminodibenzofuran

947 4,058,515 Metallized phenyl-azo-naphthol compounds

948 4,057,539 Azo compounds containing a naphthalic imide coupler

949 4,056,522 Azo compounds deriving from 3-amino-4-lower carboalkoxy-benzoic acid-4'-phenoxy anilides and 2-hydroxy-3-naphthoic acid-4'-benzoylamino anilides

950 4,056,367 Liquid monoazo-naphthalene dyestuffs, and their use

951 4,055,560 Sulfophenyl-azo-phenyl-azo-(4-hydroxyalkoxyphenyl) compounds

952 4,055,559 Disazo pigment containing at least 2 chlorine atoms and process for their manufacture

953 4,055,558 Tetrakisazo dyestuffs

954 4,055,557 Sulfonamidobenzene-azo-aminopyrazole dyestuffs

955 4,054,560 1-(4-Acyloxyalkylaminonaphthylazo)-4-nitrobenzene disperse dyes

956 4,053,464 Disazo pigments containing ether substituted alkoxy carbonyl groups

957 4,052,381 Substituted phosphorothioic acid and method of use in siphonaptera compositions in warm-blooded animals

958 4,052,380 Trisazo dyes containing two different aminonaphtholsulphonic acid coupler components

959 4,052,375 Water-soluble trisazosulfonated dyestuff derived from 2-aminophenol-4-sulfonic acid, resorcinol, 4,4'-diaminobenzanilide and m-aminophenol

960 4,051,122 Disazo pigments containing tetracarboxylic acid ester groups

961 4,051,121 Azo pigments having two 2-halo-5-trifluoromethylphenyl diazo component radicals and a bis-(2-hydroxynaphthoyl-3-amino)-2,5-dihalobenzene coupling component radical

962 4,049,641 Optionally substituted sulfophenyl-azo-naphthylene-azo-para-alkoxyphenyl dyes

963 4,048,152 Modified form of disazo pigment CI 20040

964 4,046,821 Oxychlorination of hydrocarbons in the presence of non-halide copper containing catalysts

965 4,046,757 2-Optionally substituted alkyl-and phenylsulfonylphenyl-azo-phenyl dyes and a process for their synthesis

966 4,046,756 2,5-Dihalo-4-dialkylsulfamoyl 4'-(N-cyanoalkyl-N-alkyl-amino)-1,1'-azobenzene disperse dyes

967 4,046,755 Disazo pigments containing naphthalene coupling components

968 4,046,754 Water-soluble naphthyl-azo-pyrazolone fiber reactive dyestuffs

969 4,046,752 Process for preparing an azo compound from a 2-aminothiazole diazo component

970 4,045,427 Azo-peroxide free radical initiators containing ultraviolet light stabilizing groups

971 4,045,426 Bisazo free radical initiators containing ultraviolet light stabilizing groups

972 4,043,999 Methyl or methoxy substituted iminoisoindolinone pigments

973 4,042,580 Phenylazophenyl dyes having an alkoxyacylamino group on the coupling component radical

974 4,042,578 Azo dyes having 2,6-diaminopyridine derivatives as coupling components

975 4,039,529 Cycloaliphatic dicarbonyl containing azo dyestuffs

976 4,039,528 Sulphonic acid-, hydroxy-substituted phenyl azo-naphthyl azo-N-aryl amino dyes

977 4,039,527 Unsymmetrical azonitriles

978 4,039,526 Cationic dyestuffs containing quaternized benzthiazole and p-substituted amino azo phenyl moieties

979 4,039,524 Keto-amido containing phenylazo benzothiazole dyestuffs

980 4,038,293 Silicone-compatible tris(trimethylsilyloxy)silylalkylamino-substituted quinoncid dyestuffs

981 4,038,269 2'-Alkoxyacylamino-4'-alkylamino-4-nitro-1,1'-azobenzene disperse dyes

982 4,038,267 Triazine reactive dyes

983 4,036,826 Cationic azo dyestuffs with a hydroxyalkylated ammonium group

984 4,036,825 Monoazo reactive dyestuffs
985 4,036,824 Disazo dyestuffs containing A-O-alkylene-O-SO₂sub.3 H group
986 4,033,946 Tetrakisazo dyestuffs
987 4,033,944 Fibre-reactive hydroxycycloalkenyl-halo triazinyl containing dyestuffs
988 4,033,943 Fiber reactive water soluble 2,4,6-triamino, 3-cyano pyridine-(5) azo dyestuffs
989 4,029,644 Water-soluble, fiber-reactive monoazo dyestuffs
990 4,029,643 Chromium containing azo dyes
991 4,028,321 Basic azo amino-phenylene dyestuffs
992 4,025,502 Secondary-aliphatic .alpha.-substituted azoalkanes
993 4,024,126 Aryl- or alkyl-sulphonyl aminosulphonylphenyl-azo-arylene-azo-phenyl dyestuffs
994 4,024,125 Dis-azo pigments deriving from bis-diazotized diamino-2-phenyl-benzazolones
995 4,024,124 Monoazo acetoacetylaminobenzimidazolone pigments containing carboxy group
996 4,016,153 Monoazo dyestuff mixtures derived from 2-amino-5-nitro-thiazole and bis-hydroxyalkylamino acylanilides reacted with acid halides and amides
997 4,014,865 Golden-yellow fiber-reactive water-soluble monoazo dyestuffs
998 4,013,634 Tetraazo direct urea-derived dye having a core of H-acid, K-acid or S-acid
999 4,012,372 Phthalimidyl-azo-tetrahydro-quinoline compounds
1000 4,012,370 Mono aryl azo-mono-iminoisoindolinone dyestuffs

1001 4,012,193 Bisazomethine dyes for metal-modified polyolefins
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1003 4,010,152 Aliphatic alpha-(hydroperoxy) azo compounds and salts thereof
1004 4,009,158 Mixtures of azo compounds having a 2-nitro-4-phenylsulfamoyldiphenyl amine nucleus
1005 4,008,212 Monoazo dye mixtures derived from 7-amino-4-nitrobenzotriazole and bis-hydroxyalkylamino acylanilides reacted with acid halides and amides
1006 4,007,228 Substituted-2-nitro-paraphenylenediamines and processes for producing same
1007 4,007,165 Unsymmetrical tertiary-aliphatic azoalkanes
1008 4,006,131 Anionic disazo dyes having a 2,2'-dihalodiphenyl tetrazo component radical
1009 4,006,129 2-Nitro-4-alphaticoxy-phenyl-azo-2,6-dihydroxy-3-cyano-4-methylpyridine compounds
1010 4,006,127 Cationic diazacyanine dyestuffs
1011 4,005,069 Azo dyes having a 3-halo-4-cyano or acyl-6-hydroxypyridone-2 coupling component radical
1012 4,005,066 Isotridecylammonium salts of chromium or cobalt 1:2 complex azo dyes
1013 4,003,886 Tetracarboxylic acid ester substituted disazo pigments
1014 4,002,607 Azo dyes having an amino group para to the azo linkage
1015 4,001,203 Heavy metal complexes of azo dyestuffs containing a heterocyclic diazo component and the residue of 5-halogeno-2,3-dihydrozypyridine as coupling component
1016 4,000,985 Azo dyes having a high solubility in petroleum fuels
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1018 3,997,523 Monoazo pigments
1019 3,997,520 5-Nitrothiazolyl-2-azophenyl disperse dyes

1020 3,997,519 Method of producing quaternary pyridinium compounds
1021 3,993,637 Chelatable triazolylazo-N-alkyl(cycloalkyl)acylacetamide dyes
1022 3,991,043 Quaternization of benzthiazole-azo compounds
1023 3,991,042 Basic azo dyestuffs containing a benzthiazole and a tetrahydroquinoline nucleus
1024 3,989,681 7-Azoxy substituted-1,4-benzodiazepin-2-ones
1025 3,989,680 3,3-Dialkyl-1-(substituted-phenyl) triazene-1-oxides
1026 3,984,392 Liquid crystalline azobenzene compounds
1027 3,983,101 Water-soluble polyazo compound derived from 4-4-diaminobenzanilide
1028 3,981,859 Silicone-compatible azo dyestuffs
1029 3,980,707 Methylamino derivative of 2-ethylindandione-1,3 and the hydrochloride thereof
1030 3,980,635 Novel form of the disazo pigment from bisdiazotized 3,3'-dichlorobenzidine and 1-(p-tolyl)-3-methylpyrazol-5-one
1031 3,980,632 Basic azo dyes having a quaternized s-triazolo-[2,3-a]-pyrimidine diazo component radical
1032 3,975,371 Aromatic azo sulfonylnitrene compounds
1033 3,974,136 Modified form of a disazo pigment
1034 3,971,771 Monoazo compounds
1035 3,971,740 Monoazo compounds
1036 3,971,738 Heavy metal complexes of azo compounds containing a halogeno-2,3-dihydroxy pyridine coupling component
1037 3,968,099 Process for the preparation of azo dyestuffs containing cyano groups
1038 3,968,098 Isolation process for water-soluble dyes
1039 3,966,705 Disulfo naphthalene containing fiber-reactive tetrazo dyes
1040 3,965,087 Trisazo dye containing a diphenylenesulfone structure
1041 3,962,210 Tertiary aliphatic alpha-(sulfo)-azo compounds
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1053 3,948,880 Phenyl-azo-phenyl compounds of low solubility in water
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1055 3,948,878 Pyrazolium-azo-phenyl compounds

1056 3,947,435 Disazo acid compounds containing one sulphonic acid group and one phosphonic or methyl-phosphinic acid group

1057 3,947,434 9-(P-phenylazoanilino)-7-methyl-1H-imidazo[4,5-f]quinolines

1058 3,945,991 Heterocyclic azo compounds containing a quaternated hydrazide group

1059 3,945,990 Disazo compounds containing an alkanolamine substituted triazine component

1060 3,945,989 Fluoro triazine containing water insoluble azo dyestuff

1061 3,944,612 4-Fluoro-3-nitro anilines

1062 3,943,121 Monoazo compounds from 3-aminobenzisothiazoles and substituted .alpha.-naphthylamine couplers

1063 3,941,766 Azo compounds from pigments of a heterocyclic-substituted aniline coupled to a 2,6-dihydroxy-4-methyl-3-cyano or -3-carbamoylpyridine

1064 3,941,765 Process for the manufacture of symmetric 1:2 chromium complexes of azo dyes

1065 3,936,437 Monoazo compounds derived from 2-hydroxymethyl-amino benzoic acids and 2,6-dihydroxypyridines

1066 3,936,435 Cationic heterocyclic-azo-heterocyclic compounds from 5-aminoimidazo-(1,2-A)pyridines

1067 3,935,183 Indazole-azo phenyl compounds

1068 3,933,786 Heterocyclic-azo-phenyl compounds containing a styrl group

1069 3,932,376 Sulfo phenyl-azo-sulro phenyl-azo-alkoxy-diphenyl compounds

1070 3,931,143 Unsymmetrical aliphatic monoazo compounds

1071 3,931,142 Heterocyclic containing disazo compounds